

Acceso remoto (robotizado) en cirugía de cabeza y cuello

Axilar

Lörincz BB, Busch CJ, Möckelmann N, Knecht R. Initial learning curve of single-incision transaxillary robotic hemi- and total thyroidectomy - A single team experience from Europe. *Int J Surg* 2015; 18: 118-122.

Eckhardt S, Maurer E, Fendrich V, Bartsch DK. Transaxillary robot-assisted thyroidectomy : First experiences with a new operation technique *Chirurg*. 2015 May 14. [Epub ahead of print]

Abramovici L, Cartier C, Pierre G, Garrel R. Robot-assisted transaxillary thyroidectomy: Surgical technique. *Eur Ann Otorhinolaryngol Head Neck Dis*. 2015 May 13. pii: S1879-7296(15)00054-X. doi: 10.1016/j.anorl.2015.04.002. [Epub ahead of print]

Lee YM, Yi O, Sung TY, Chung KW, Yoon JH, Hong SJ. Surgical outcomes of robotic thyroid surgery using a double incision gasless transaxillary approach: analysis of 400 cases treated by the same surgeon. *Head Neck*. 2014 Oct;36(10):1413-9. doi: 10.1002/hed.23472. Epub 2013 Nov 18.

Lörincz BB, Möckelmann N, Knecht R. Single-incision transaxillary robotic total thyroidectomy for Graves' disease: improved feasibility and safety with novel robotic instrumentation. *Eur Arch Otorhinolaryngol*. 2014;271:3349-3353.

Rabinovics N, Aidan P. Robotic transaxillary thyroid surgery. *Gland Surg*. 2015;4:397-402.
Lörincz BB, Möckelmann N, Busch CJ, Hezel M, Knecht R. Automatic periodic stimulation of the vagus nerve during single-incision transaxillary robotic thyroidectomy: Feasibility, safety, and first cases. *Head Neck*. 2016; 38:482-485

Alkan U, Zarchi O, Rabinovics N, Nachalon Y, Feinmesser R, Bachar G. The cause of brachial plexopathy in robot-assisted transaxillary thyroidectomy-A neurophysiological investigation. *Laryngoscope* 2016;126:2187-2193

Arora A, Garas G, Sharma S, Muthuswamy K, Budge J, Palazzo F, Darzi A, Tolley N. Comparing transaxillary robotic surgery (TARS) with open thyroidectomy in a Western population: A case control study. *Int J Surg* 2016; 27:110-117.

Bakkar S, Frustaci G, Papini P, Fregoli L, Matteucci V, Materazzi G, Miccoli P. Track Recurrence After Robotic Transaxillary Thyroidectomy; A Case Report Highlighting The Importance of Controlled Surgical Indications and Addressing Unprecedented Complications. *Thyroid*. 2016 Feb 5. [Epub ahead of print]

Aidan P, Chung WY, Lörincz BB. Bilateral vagal automatic periodic stimulation in single-incision transaxillary robotic total thyroidectomy. *Clin Otolaryngol*. 2016 Jul 6. doi: 10.1111/coa.12698. [Epub ahead of print]

Kim JS, Lee J, Soh EY, Ahn H, Oh SE, Lee JD, Joe HB. Analgesic Effects of Ultrasound-Guided Serratus-Intercostal Plane Block and Ultrasound-Guided Intermediate Cervical Plexus Block After Single-Incision Transaxillary Robotic Thyroidectomy: A Prospective, Randomized, Controlled Trial. *Reg Anesth Pain Med*. 2016 Jul 1. [Epub ahead of print]

Fregoli L, Materazzi G, Miccoli M, Papini P, Guarino G, Wu HS, Miccoli P. J Postoperative Pain Evaluation After Robotic Transaxillary Thyroidectomy Versus Conventional Thyroidectomy: A Prospective Study. *Laparoendosc Adv Surg Tech A*. 2016 Nov 22. [Epub ahead of print]

Perrier ND. Why I have abandoned robot-assisted transaxillary thyroid surgery. *Surgery* 2012; 152: 1025-1026.

Cabot JC, Lee CR, Brunaud L, Kleiman DA, Chung WY, Fahey TJ 3rd, Zarnegar R. Robotic and endoscopic transaxillary thyroidectomies may be cost prohibitive when compared to standard cervical thyroidectomy: a cost analysis. *Surgery* 2012;152:1016-1024

Kang SW, Lee SC, Lee SH, Lee KY, Jeong JJ, Lee YS, Nam KH, Chang HS, Chung WY, Park CS. Robotic thyroid surgery using a gasless, transaxillary approach and the da Vinci S system: the operative outcomes of 338 consecutive patients. *Surgery*. 2009 Dec;146(6):1048-55. doi: 10.1016/j.surg.2009.09.007.

Arora A, Garas G, Sharma S, Muthuswamy K, Budge J, Palazzo F, Darzi A, Tolley N. Comparing transaxillary robotic thyroidectomy with conventional surgery in a UK population: A case control study. *Int J Surg*. 2016 Mar;27:110-7. doi: 10.1016/j.ijsu.2016.01.071. Epub 2016 Jan 22.

Rabinovics N, Bachar G, Raz-Yarkoni T, Feinmesser R. ROBOTIC-ASSISTED TRANSAXILLARY THYROID SURGERY - THE RABIN MEDICAL CENTER EXPERIENCE. *Harefuah*. 2017 Nov;156(11):682-685.

Maurer E, Wächter S, Albers M, Holzer K, Bartsch DK. *Zentralbl Chir*. 2018 Aug;143(4):353-360. doi: 10.1055/a-0647-7168. Epub 2018 Aug 22.

Gupta AK, Kumar A, Singh A, Subash A. Robot Assisted Trans Axillary Thyroidectomy: A Subcontinent Experience. *Indian J Otolaryngol Head Neck Surg*. 2018 Sep;70(3):366-373. doi: 10.1007/s12070-018-1357-9. Epub 2018 Apr 19.

Piccoli M, Mullineris B, Santi D, Gozzo D. Advances in Robotic Transaxillary Thyroidectomy in Europe. *Curr Surg Rep*. 2017;5(8):17. doi: 10.1007/s40137-017-0180-7. Epub 2017 Jun 26.

Piccoli M, Mullineris B, Gozzo D, Colli G, Pecchini F, Nigro C, Rochira V. Evolution Strategies in Transaxillary Robotic Thyroidectomy: Considerations on the First 449 Cases Performed. *J Laparoendosc Adv Surg Tech A*. 2019 Apr;29(4):433-440. doi: 10.1089/lap.2019.0021. Epub 2019 Mar 21. PMID: 30835159; PMCID: PMC6482897

Vriens MR, Postma EL, Borel Rinkes IHM. [Robot-assisted transaxillary thyroid surgery; 5 years later]. *Ned Tijdschr Geneesk*. 2019 Mar 14;163. pii: D3514.

Chabrillac E, Zerdoud S, Fontaine S, Sarini J. Multifocal recurrence on the transaxillary robotic thyroidectomy incision. *Eur Ann Otorhinolaryngol Head Neck Dis*. 2020 Jan;137(1):59-60. doi: 10.1016/j.anorl.2019.05.007. Epub 2019 Jun 6. PMID: 31178429.

BABA

Kim WW, Jung JH, Park HY. A single surgeon's experience and surgical outcomes of 300 robotic thyroid surgeries using a bilateral axillo-breast approach. *J Surg Oncol* 2015;111:135-140.

Kwak HY, Kim HY, Lee HY, Jung SP, Woo SU, Son GS, Lee JB, Bae JW. Predictive factors for difficult robotic thyroidectomy using bilateral axillo-breast approach. *Head Neck*. 2015 May 20. doi: 10.1002/hed.24135. [Epub ahead of print]

Koo DH, Kim DM, Choi JY, Lee KE, Cho SH, Youn YK. In-Depth Survey of Scarring and Distress in Patients Undergoing Bilateral Axillo-Breast Approach Robotic Thyroidectomy or Conventional Open Thyroidectomy. *Surg Laparosc Endosc Percutan Tech* 2015;25:436-439

He QQ, Zhu J, Fan ZY, Zhuang DY, Zheng LM, Zhou P, Yue T, Yu F, Hou L, Dong XF, Li YN, Ni GF, Zhang HT. Robotic thyroidectomy with central neck dissection using axillo-bilateral-breast approach: a comparison to open conventional approach. *Zhonghua Wai Ke Za Zhi*. 2016 Jan;54(1):51-5. doi: 10.3760/cma.j.issn.0529-5815.2016.01.013.

Chai YJ, Song J, Kang J, Woo JW, Song RY, Kwon H, Kim SJ, Choi JY, Lee KE. A comparative study of postoperative pain for open thyroidectomy versus bilateral axillo-breast approach robotic thyroidectomy using a self-reporting application for iPad. *Ann Surg Treat Res*. 2016;90(5):239-245.

Kim WW, Jung JH, Lee J, Kang JG, Baek J, Lee WK, Park HY. Comparison of the Quality of Life for Thyroid Cancer Survivors Who Had Open Versus Robotic Thyroidectomy. *J Laparoendosc Adv Surg Tech A* 2016 Aug;26(8):618-24. doi: 10.1089/lap.2015.0546.

Paek SH, Kang KH. Robotic thyroidectomy and cervical neck dissection for thyroid cancer. *Gland Surg* 2016; 5:342-51

Lee HS, Chai YJ, Kim SJ, Choi JY, Lee KE. Influence of body habitus on the surgical outcomes of bilateral axillo-breast approach robotic thyroidectomy in papillary thyroid carcinoma patients. *Ann Surg Treat Res*. 2016 Jul;91(1):1-7.

He QQ, Zhu J, Zhuang DY, Fan ZY, Zheng LM, Zhou P, Hou L, Yu F, Li YN, Xiao L, Dong XF, Ni GF. Comparative Study between Robotic Total Thyroidectomy with Central Lymph Node Dissection via Bilateral Axillo-breast Approach and Conventional Open Procedure for Papillary Thyroid Microcarcinoma. *Chin Med J (Engl)*. 2016 20th Sep;129(18):2160-6. doi: 10.4103/0366-6999.189911. Wu YH. Commentary on: Comparative Study between Robotic Total Thyroidectomy with Central Lymph Node Dissection via Bilateral Axillo-breast Approach and Conventional Open Procedure for Papillary Thyroid Microcarcinoma. *Chin Med J (Engl)*. 2016 Sep 20;129(18):2166-7. doi: 10.4103/0366-6999.189928.

Kim SK, Woo JW, Park I, Lee JH, Choe JH, Kim JH, Kim JS. Propensity score-matched analysis of robotic versus endoscopic bilateral axillo-breast approach (BABA) thyroidectomy in papillary thyroid carcinoma. *Langenbecks Arch Surg*. 2016 Oct 24. [Epub ahead of print]

Kwak DH, Kim WS, Kim HK, Bae TH. A Band-Like Neck Scar Contracture after Bilateral Axillo-Breast Approach Robotic Thyroidectomy. *Arch Plast Surg*. 2016 Nov;43(6):614-615.

Kim SJ, Lee KE, Oh BM, Oh EM, Bae DS, Choi JY, Myong JP, Youn YK. Intraoperative neuromonitoring of the external branch of the superior laryngeal nerve during robotic thyroid surgery: a preliminary prospective study. *Ann Surg Treat Res* 2015; 89:233-239

Lee KE, Kim E, Koo do H, Choi JY, Kim KH, Youn YK. Robotic thyroidectomy by bilateral axillo-breast approach: review of 1,026 cases and surgical completeness. *Surg Endosc* 2013;27:2955-2962.

Lee HY, Lee JY, Dionigi G, Bae JW, Kim HY. The Efficacy of Intraoperative Neuromonitoring During Robotic Thyroidectomy: A Prospective, Randomized Case-Control Evaluation. *J Laparoendosc Adv Surg Tech A* 2015; 25:908-914

Kim DH, Choi JY, Kim BG, Hwang JY, Park SJ, Oh AY, Jeon YT, Ryu JH. Prospective, randomized, and controlled trial on ketamine infusion during bilateral axillo-breast approach (BABA) robotic or endoscopic thyroidectomy: Effects on postoperative pain and recovery profiles: A consort compliant article. *Medicine (Baltimore)*. 2016 Dec;95(49):e5485.

- Lee JH, Suh YJ, Song RY, Yi JW, Yu HW, Kwon H, Choi JY, Lee KE. Preoperative flap-site injection with ropivacaine and epinephrine in BABA robotic and endoscopic thyroidectomy safely reduces postoperative pain: A CONSORT-compliant double-blinded randomized controlled study (PAIN-BREKOR trial). *Medicine (Baltimore)*. 2017 Jun;96(22):e6896. doi: 10.1097/MD.0000000000006896.
- Song RY, Sohn HJ, Paek SH, Kang KH. The First Report of Robotic Bilateral Modified Radical Neck Dissection Through the Bilateral Axillo-breast Approach for Papillary Thyroid Carcinoma With Bilateral Lateral Neck Metastasis. *Surg Laparosc Endosc Percutan Tech*. 2018 Oct 31 [Epub ahead of print]
- Paek SH, Lee HA, Kwon H, Kang KH, Park SJ. Comparison of robot-assisted modified radical neck dissection using a bilateral axillary breast approach with a conventional open procedure after propensity score matching. *Surg Endosc*. 2019 May 7. doi: 10.1007/s00464-019-06808-9. [Epub ahead of print]
- Shan L, Liu J. Meta-analysis Comparison of Bilateral Axillo-Breast Approach Robotic Thyroidectomy and Conventional Thyroidectomy. *Surg Innov*. 2019 Feb;26(1):112-123. doi: 10.1177/1553350618817145. Epub 2018 Dec 3.
- Bae DS, Koo DH. A Propensity Score-matched Comparison Study of Surgical Outcomes in Patients with Differentiated Thyroid Cancer After Robotic Versus Open Total Thyroidectomy. *World J Surg*. 2019 Feb;43(2):540-551. doi: 10.1007/s00268-018-4802-8.
- Kim MK, Kang H, Choi GJ, Kang KH. Robotic Thyroidectomy Decreases Postoperative Pain Compared With Conventional Thyroidectomy. *Surg Laparosc Endosc Percutan Tech*. 2019 Aug;29(4):255-260. doi: 10.1097/SLE.0000000000000689.
- Kim MR, Shim HK. Unusual iodine-131 postablation whole-body scintigraphy patterns in patients after robot-assisted/endoscopic thyroidectomy: Case series. *Clin Case Rep*. 2020 Apr 14;8(6):962-966. doi: 10.1002/ccr3.2795.
- Chand G, Yi JW, Johri G. Robotic thyroid surgery using bilateral axillo-breast approach: From a trainees' point of view. *J Minim Access Surg*. 2020 Sep 8. doi: 10.4103/jmas.JMAS_110_20. Epub ahead of print. PMID: 32964870.
- Yang SM, Park WS, You JY, Park DW, Kangleon-Tan HL, Kim HK, Dionigi G, Kim HY, Tufano RP. Comparison of postoperative outcomes between bilateral axillo-breast approach-robotic thyroidectomy and transoral robotic thyroidectomy. *Gland Surg*. 2020 Dec;9(6):1998-2004. doi: 10.21037/gs-20-468. PMID: 33447550; PMCID: PMC7804553
- Hong YT, Woo SH. Robotic Modified Radical Neck Dissection Through the Bilateral Axillary Breast Approach. *Clin Exp Otorhinolaryngol*. 2021 Feb;14(1):13-14. doi: 10.21053/ceo.2021.00213. Epub 2021 Feb 1. PMID: 33587846
- Zhang D, Fu Y, Zhou L, Wang T, Liang N, Zhong Y, Dionigi G, Kim HY, Sun H. Prevention of non-recurrent laryngeal nerve injury in robotic thyroidectomy: imaging and technique. *Surg Endosc*. 2021 Mar 15. doi: 10.1007/s00464-021-08421-1. Epub ahead of print. PMID: 33721091
- Wang D, He QQ, Zhu J, Liu CR, Zhou P, Wang G, Yue T, Lin F, Cao XJ. [Complications of Da Vinci robot thyroid surgery by bilateral axillo-breast approach]. *Zhonghua Er Bi Yan Hou Tou Jing Wai Ke Za Zhi*. 2021 Apr 7;56(4):363-368. Chinese. doi: 10.3760/cma.j.cn115330-20200824-00691. PMID: 33832195
- Zhang Y, Du J, Ma J, Liu J, Cui X, Yuan J, Zhang Y, Qi X, Fan L. Unilateral axilla-bilateral areola approach for thyroidectomy by da Vinci robot vs. open surgery in thyroid cancer: a retrospective observational study. *Gland Surg*. 2021 Apr;10(4):1291-1299. doi: 10.21037/gs-20-831. PMID: 33968681; PMCID: PMC8102234

You JY, Kim HK, Kim HY, Fu Y, Chai YJ, Dionigi G, Tufano RP. Bilateral axillo-breast approach robotic thyroidectomy: review of a single surgeon's consecutive 317 cases. *Gland Surg.* 2021 Jun;10(6):1962-1970. doi: 10.21037/gs-21-50.

Lee KE, Rao J, Youn YK. Endoscopic thyroidectomy with the da Vinci robot system using the bilateral axillary breast approach (BABA) technique: our initial experience. *Surg Laparosc Endosc Percutan Tech* 2009;19:e71-5. doi: 10.1097/SLE.0b013e3181a4ccae

Yu HW, Chung JW, Yi JW, Song RY, Lee JH, Kwon H, Kim SJ, Chai YJ, Choi JY, Lee KE. Intraoperative localization of the parathyroid glands with indocyanine green and Firefly(R) technology during BABA robotic thyroidectomy. *Surg Endosc.* 2017 Jul;31(7):3020-3027. doi: 10.1007/s00464-016-5330-y. Epub 2016 Nov 18. PMID: 27864717

Choi YS, Shin WY, Yi JW. Single Surgeon Experience with 500 Cases of the Robotic Bilateral Axillary Breast Approach (BABA) for Thyroid Surgery Using the Da-Vinci Xi System. *J Clin Med.* 2021 Sep 7;10(18):4048. doi: 10.3390/jcm10184048. PMID: 34575159; PMCID: PMC8471909

Li XL, He QQ, Zhuang DY, Wang M, Zhou P, Yue T, Zhu J, Liu Y, Lin F, Li CY, Shao CX, Wang D, Wang G. [Outcomes of 1 000 cases of robotic thyroidectomy by bilateral axillo-breast approach: a retrospective study in a single center]. *Zhonghua Wai Ke Za Zhi.* 2021 Nov 1;59(11):918-922. Chinese. doi: 10.3760/cma.j.cn112139-20201218-00866. PMID: 34743454

Sun H, Liu Z, Gao H, Kuang J, Chen X, Li Q, Di Z, Qiu W, Yan J. Predictive factors for prolonged operative time of robotic thyroidectomy via bilateral axillo-breast approach: Analysis of 359 cases of differentiated thyroid cancer. *Asian J Surg.* 2022 Jan;45(1):105-109. doi: 10.1016/j.asjsur.2021.03.030. Epub 2021 Apr 18. PMID: 33879363

Ouyang H, Xia F, Zhang Z, Cong R, Li X. Preoperative application of carbon nanoparticles in bilateral axillo-breast approach robotic thyroidectomy for papillary thyroid cancer. *Gland Surg.* 2021 Dec;10(12):3188-3199. doi: 10.21037/gs-21-671. PMID: 35070879; PMCID: PMC8749084

Qi X, Du J, Liu H, Cui X, Li Y, Fu W, Jiang J, Fan L. First report of in-situ preservation of a subcapsular parathyroid gland through super-meticulous capsular dissection during robotic radical thyroidectomy. *Surg Oncol.* 2019 Mar;28:9-13. doi: 10.1016/j.suronc.2018.10.009. Epub 2018 Oct 26.

Yu HW, Chai YJ, Kim SJ, Choi JY, Lee KE. Robotic-assisted modified radical neck dissection using a bilateral axillo-breast approach (robotic BABA MRND) for papillary thyroid carcinoma with lateral lymph node metastasis. *Surg Endosc* 2018; 32:2322-2327

He Q, Zhu J, Zhuang D, Fan Z, Zheng L, Zhou P, Yu F, Wang G, Ni G, Dong X, Wang M, Li X, Liu C, Wang D, Yue T, Hou L, Wang M, Li D. Robotic lateral cervical lymph node dissection via bilateral axillo-breast approach for papillary thyroid carcinoma: a single-center experience of 260 cases. *J Robot Surg.* 2019 Jun 20. doi: 10.1007/s11701-019-00986-3. [Epub ahead of print]

Retroauricular

Byeon HK, Kim DH, Chang JW, Ban MJ, Park JH, Kim WS, Choi EC, Koh YW. Comprehensive application of robotic retroauricular thyroidectomy: The evolution of robotic thyroidectomy. *Laryngoscope* 2016 Aug;126(8):1952-7. doi: 10.1002/lary.25763.

Duke WS, Holsinger FC, Kandil E, Richmon JD, Singer MC, Terris DJ Remote Access Robotic Facelift Thyroidectomy: A Multi-institutional Experience. *World J Surg* 2017 Jan;41(1):116-121. doi: 10.1007/s00268-016-3738-0

- Terris DJ, Singer MC, Seybt MW. Robotic facelift thyroidectomy: II. Clinical feasibility and safety. *Laryngoscope* 2011; 121:1636-1641
- Alabbas H, Bu Ali D, Kandil E. Robotic retroauricular thyroid surgery. *Gland Surg.* 2016 Dec;5(6):603-606. doi: 10.21037/g.s.2016.12.06.
- Byeon HK, Holsinger FC, Duvvuri U, Kim DH, Park JH, Chang E, Kim SH, Koh YW. Recent progress of retroauricular robotic thyroidectomy with the new surgical robotic system. *Laryngoscope.* 2017 Oct 25. doi: 10.1002/lary.26938. [Epub ahead of print]
- Thankappan K, Iyer S.. Initiating a Robotic Thyroidectomy Program in India. *Indian J Surg Oncol.* 2018 Jun;9(2):241-246. doi: 10.1007/s13193-018-0746-6. Epub 2018 Apr 5.
- Lira RB, Chulam TC, Kowalski LP. Variations and results of retroauricular robotic thyroid surgery associated or not with neck dissection. *Gland Surg.* 2018 Aug;7(Suppl 1):S42-S52. doi: 10.21037/g.s.2018.03.04.
- Song CM, Kim MS, Lee DW, Ji YB, Park JH, Kim DS, Tae K. Comparison of postoperative voice outcomes after postauricular facelift robotic hemithyroidectomy and conventional transcervical hemithyroidectomy. *Head Neck.* 2019 Sep;41(9):2921-2928. doi: 10.1002/hed.25777. Epub 2019 Apr 17. PMID: 30994951.
- Zhang B, Yu H, Han ZH, Rai B. [Retroauricular robotic thyroidectomy: a preliminary report of 5 cases]. *Zhonghua Er Bi Yan Hou Tou Jing Wai Ke Za Zhi.* 2020 Mar 7;55(3):254-257. doi: 10.3760/cma.j.issn.1673-0860.2020.03.012.
- Noel JE, Lee MC, Tam K, Lim GC, Holsinger FC, Koh YW. Retroauricular thyroidectomy with a single-arm robotic surgical system: Preclinical cadaveric study. *Head Neck.* 2020 Dec;42(12):3663-3669. doi: 10.1002/hed.26436. Epub 2020 Aug 27. PMID: 32852084
- Terris DJ, Singer MC, Seybt MW. Robotic facelift thyroidectomy: patient selection and technical considerations. *Surg Laparosc Endosc Percutan Tech.* 2011 Aug;21(4):237-42. doi: 10.1097/SLE.0b013e3182266dd6. PMID: 21857471
- Terris DJ, Singer MC. Robotic facelift thyroidectomy: Facilitating remote access surgery. *Head Neck.* 2012 May;34(5):746-7. doi: 10.1002/hed.22978. Epub 2012 Feb 24. PMID: 22362411
- Han SH, Chung EJ. Robotic retroauricular thyroidectomy with additional axillary port: Early personal experiences. *Laryngoscope Invest Otolaryngol.* 2021 Jul 16;6(4):885-891. doi: 10.1002/lio2.623. PMID: 34401517; PMCID: PMC8356877
- Byeon HK, Koh YW. The new era of robotic neck surgery: The universal application of the retroauricular approach *J Surg Oncol.* 2015; 112:707-716
- Singh RP, Sung ES, Song CM, Ji YB, Tae K. Robot-assisted excision of the submandibular gland by a postauricular facelift approach: comparison with the conventional transcervical approach. *Br J Oral Maxillofac Surg.* 2017;55:1030-1034
- Kim JH, Byeon HK, Kim DH, Kim SH, Choi EC, Koh YW. ICG-Guided Sentinel Lymph Node Sampling during Robotic Retroauricular Neck Dissection in cN0 Oral Cancer. *Otolaryngol Head Neck Surg.* 2020 Feb 11:194599819900264. doi: 10.1177/0194599819900264. [Epub ahead of print]

Lee DW, Tae K. Robot-assisted excision of thyroglossal duct cyst by a postauricular facelift approach.. *Wideochir Inne Tech Maloinwazyjne*. 2020 Mar;15(1):245-248. doi: 10.5114/wiitm.2019.88751. Epub 2019 Oct 15.

Kowalski LP, Lira RB. Anatomy, technique, and results of robotic retroauricular approach to neck dissection. *Anat Rec (Hoboken)*. 2021 Mar 26. doi: 10.1002/ar.24621. Epub ahead of print. PMID: 33773074

Greer Albergotti W, Kenneth Byrd J, De Almeida JR, Kim S, Duvvuri U. Robot-assisted level II-IV neck dissection through a modified facelift incision: initial North American experience. *Int J Med Robot*. 2014 Dec;10(4):391-6. doi: 10.1002/rcs.1585. Epub 2014 Apr 23. PMID: 24760419.

Kathar MA, Jain P, Manikantan K, Arun P, Koh YW, Sharan R. Feasibility, Safety, Nodal yields and Learning curves in Retroauricular Robot/Endoscope Assisted Neck Dissection in the Management of Head and Neck Cancer. *Indian J Surg Oncol*. 2021 Dec;12(4):808-815. doi: 10.1007/s13193-021-01444-z. Epub 2021 Sep 8. PMID: 35110907; PMCID: PMC8763986

Transoral / transvestibular

Richmon JD, Pattani KM, Benhidjeb T, Tufano RP. Transoral robotic-assisted thyroidectomy: a preclinical feasibility study in 2 cadavers. *Head Neck*. 2011;33:330-333

Richmon JD, Holsinger FC, Kandil E, Moore MW, Garcia JA, Tufano RP. Transoral robotic-assisted thyroidectomy with central neck dissection: preclinical cadaver feasibility study and proposed surgical technique. *J Robot Surg* 2011;5:279-282

Lee HY, You JY, Woo SU, Son GS, Lee JB, Bae JW, Kim HY. Transoral periosteal thyroidectomy: cadaver to human. *Surg Endosc* 2015 Apr;29(4):898-904. doi: 10.1007/s00464-014-3749-6

Lee HY, Richmon JD, Walvekar RR, Holsinger C, Kim HY. Robotic Transoral Periosteal Thyroidectomy (TOPOT): Experience in Two Cadavers. *J Laparoendosc Adv Surg Tech A* 2015 Feb;25(2):139-42. doi: 10.1089/lap.2014.0543

Clark JH, Kim HY, Richmon JD. Transoral robotic thyroid surgery. *Gland Surg*. 2015;4:429-434
Yan CM. Professor Hoon Yub Kim: Transoral Robotic Thyroidectomy shows promising results with ideal outcomes. *Gland Surg*. 2016; 5:650-651.

Russell JO, Noureldine SI, Al Khadem MG, Chaudhary HA, Day AT, Kim HY, Tufano RP, Richmon JD. Transoral robotic thyroidectomy: a preclinical feasibility study using the da Vinci Xi platform.. *J Robot Surg*. 2017 Feb 2. doi: 10.1007/s11701-016-0661-1. [Epub ahead of print]

Dionigi G, Tufano RP, Russell J, Kim HY, Piantanida E, Anuwong A. Transoral thyroidectomy: advantages and limitations. *J Endocrinol Invest*. 2017 Nov;40(11):1259-1263. doi: 10.1007/s40618-017-0676-0

Kim HY, Chai YJ, Dionigi G, Anuwong A, Richmon JD. Transoral robotic thyroidectomy: lessons learned from an initial consecutive series of 24 patients. *Surg Endosc*. 2017 Jul 19. doi: 10.1007/s00464-017-5724-5. [Epub ahead of print]

Russell JO, Clark J, Noureldine SI, Anuwong A, Al Khadem MG, Yub Kim H, Dhillon VK, Dionigi G, Tufano RP, Richmon JD. Transoral thyroidectomy and parathyroidectomy - A North American series of robotic and endoscopic transoral approaches to the central neck. *Oral Oncol*. 2017 Aug;71:75-80. doi: 10.1016/j.oraloncology.2017.06.001. Epub 2017 Jun 10.

- Chai YJ, Kim HY, Kim HK, Jun SH, Dionigi G, Anuwong A, Richmon JD, Tufano RP. Comparative analysis of 2 robotic thyroidectomy procedures: Transoral versus bilateral axillo-breast approach. *Head Neck*. 2017 Dec 14. doi: 10.1002/hed.25034. [Epub ahead of print]
- Kim KN, Lee DW, Kim JY, Han KH, Tae K. Carbon dioxide embolism during transoral robotic thyroidectomy: A case report. *Head Neck*. 2017 Dec 22. doi: 10.1002/hed.25037. [Epub ahead of print]
- Russell JO, Vasiliou E, Razavi CR, Prescott JD, Tufano RP. Letter to the Editor regarding "Carbon dioxide embolism during transoral robotic thyroidectomy: A case report". *Head Neck*. 2018 Dec 14. doi: 10.1002/hed.25500. [Epub ahead of print]
- Reply to Letter to the Editor regarding "Carbon Dioxide Embolism during Transoral Robotic Thyroidectomy: A Case Report". Kim KN, Lee DW, Tae K. *Head Neck*. 2018 Dec 15. doi: 10.1002/hed.25447. [Epub ahead of print]
- Kahramangil B, Mohsin K, Alzahrani H, Bu Ali D, Tausif S, Kang SW, Kandil E, Berber E. Robotic and endoscopic transoral thyroidectomy: feasibility and description of the technique in the cadaveric model. *Gland Surg*. 2017 Dec;6(6):611-619. doi: 10.21037/gs.2017.10.03.
- Shan L, Liu J. A Systemic Review of Transoral Thyroidectomy.. *Surg Laparosc Endosc Percutan Tech*. 2018 Jan 31. doi: 10.1097/SLE.0000000000000512. [Epub ahead of print]
- Razavi CR, Russell JO. Indications and contraindications to transoral thyroidectomy. *Ann Thyroid*. 2017;2(5). pii: 12. doi: 10.21037/aot.2017.10.01. Epub 2017 Oct 31.
- Razavi CR, Khadem MGA, Fondong A, Clark JH, Richmon JD, Tufano RP, Russell JO. Early outcomes in transoral vestibular thyroidectomy: Robotic versus endoscopic techniques. *Head Neck*. 2018 May 13. doi: 10.1002/hed.25323. [Epub ahead of print]
- Cottrill EE, Funk EK, Goldenberg D, Goyal N. Transoral Thyroidectomy Using A Flexible Robotic System: A Preclinical Cadaver Feasibility Study. *Laryngoscope*. 2018 Oct 4. doi: 10.1002/lary.27543. [Epub ahead of print]
- Russell JO, Razavi CR, Al Khadem MG, Lopez M, Saraf S, Prescott JD, Starmer HM, Richmon JD, Tufano RP. Anterior cervical incision-sparing thyroidectomy: Comparing retroauricular and transoral approaches. *Laryngoscope Investig Otolaryngol*. 2018 Sep 24;3(5):409-414. doi: 10.1002/lio2.200. eCollection 2018 Oct.
- Chen S, Zhao M(2), Qiu J. Transoral vestibule approach for thyroid disease: a systematic review. *Eur Arch Otorhinolaryngol*. 2018 Nov 20. doi: 10.1007/s00405-018-5206-y. [Epub ahead of print]
- Tae K, Lee DW, Song CM, Ji YB, Park JH, Kim DS, Tufano RP. Early experience of transoral thyroidectomy: Comparison of robotic and endoscopic procedures. *Head Neck*. 2018 Dec 6. doi: 10.1002/hed.25426. [Epub ahead of print]
- Sun H, Dionigi G. Sun H, Dionigi G. Applicability of transoral robotic thyroidectomy: Is it the final solution? *J Surg Oncol*. 2019 Jan 4. doi: 10.1002/jso.25362. [Epub ahead of print]
- You JY, Kim HY, Chai YJ, Kim HK, Anuwong A, Tufano RP, Dionigi G. Transoral Robotic Thyroidectomy Versus Conventional Open Thyroidectomy: Comparative Analysis of Surgical Outcomes in Thyroid Malignancies. *J Laparoendosc Adv Surg Tech A*. 2019 Feb 20. doi: 10.1089/lap.2018.0587. [Epub ahead of print]
- Kim HK, Park D, Kim HY. Robotic transoral thyroidectomy for papillary thyroid carcinoma. *Ann Surg Treat Res*. 2019 May;96(5):266-268. doi: 10.4174/astr.2019.96.5.266. Epub 2019 Apr 24.

- Kadem SG, Habash SM, Jasim AH. Transoral Endoscopic Thyroidectomy via Vestibular Approach: A series of the first ten cases in Iraq. *Sultan Qaboos Univ Med J*. 2019 Feb;19(1):e68-e72. doi: 10.18295/squmj.2019.19.01.013. Epub 2019 May 30.
- Park YM, Kim DH, Moon YM, Lim JY, Choi EC, Kim SH, Holsinger FC, Koh YW. Gasless transoral robotic thyroidectomy using the DaVinci SP system: Feasibility, safety, and operative technique. *Oral Oncol*. 2019 Aug;95:136-142. doi: 10.1016/j.oraloncology.2019.06.003. Epub 2019 Jun 22.
- Razavi CR, Tufano RP, Russell JO. Starting a Transoral Thyroid and Parathyroid Surgery Program. *Curr Otorhinolaryngol Rep*. 2019 Sep;7(3):204-208. doi: 10.1007/s40136-019-00246-w. Epub 2019 May 24.
- Tai DKC, Kim HY, Park D, You J, Kim HK, Russell JO, Tufano R. Obesity May Not Affect Outcomes of Transoral Robotic Thyroidectomy: Subset Analysis of 304 Patients. *Laryngoscope*. 2019 Aug 13. doi: 10.1002/lary.28239. [Epub ahead of print]
- Park D, Shaeer M, Chen YH, Russell JO, Kim HY, Tufano RP. Transoral robotic thyroidectomy on two human cadavers using the Intuitive da Vinci single port robotic surgical system and CO2 insufflation: Preclinical feasibility study. *Head Neck*. 2019 Aug 30. doi: 10.1002/hed.25939. [Epub ahead of print]
- Tae K, Ji YB, Song CM, Park JS, Park JH, Kim DS. Safety and efficacy of transoral robotic and endoscopic thyroidectomy: The first 100 cases. *Head Neck*. 2020 Feb;42(2):321-329. doi: 10.1002/hed.25999. Epub 2019 Nov 4. PMID: 31682312
- Chan JYK, Koh YW, Richmon J, Kim J, Holsinger FC, Orloff L, Anuwong A. Transoral thyroidectomy with a next generation flexible robotic system: A feasibility study in a cadaveric model. *Gland Surg*. 2019 Dec;8(6):644-647. doi: 10.21037/gs.2019.10.13.
- Park D, Kim HY, Kim HK, You JY, Dionigi G, Russell JO, Tufano RP. Institutional experience of 200 consecutive papillary thyroid carcinoma patients in transoral robotic thyroidectomy surgeries. *Head Neck*. 2020 Mar 25. doi: 10.1002/hed.26149. [Epub ahead of print]
- Tai DKC, Kim HY, Park D, Russell JO, Tufano RP, Kandil E. Does Tumor Size Affect Surgical Outcomes of Transoral Robotic Thyroidectomy for Patients with Papillary Thyroid Carcinoma? A Retrospective Cohort Study. *Ann Surg Oncol*. 2020 Oct;27(10):3842-3848. doi: 10.1245/s10434-020-08429-2. Epub 2020 Apr 6. PMID: 32253671
- Kim WW, Park CS, Lee J, Jung JH, Park HY, Tufano RP. Real Scarless Transoral Robotic Thyroidectomy Using Three Ports Without Axillary Incision. *J Laparoendosc Adv Surg Tech A*. 2020 Apr 16. doi: 10.1089/lap.2020.0102. [Epub ahead of print]
- Tai DKC, Kim HY. ASO Author Reflections: The Application of Transoral Robotic Thyroidectomy (TORT) for Papillary Thyroid Carcinoma. *Ann Surg Oncol*. 2020 May 6. Epub ahead of print.
- Song CM, Park JS, Park HJ, Tae K. Voice outcomes of transoral robotic thyroidectomy: Comparison with conventional trans-cervical thyroidectomy. *Oral Oncol*. 2020 Aug;107:104748. doi: 10.1016/j.oraloncology.2020.104748. Epub 2020 May 1. PMID: 32371263.
- Tae K, Lee DW, Bang HS, Ahn YH, Park JH, Kim DS. Sensory change in the chin and neck after transoral thyroidectomy: Prospective study of mental nerve injury. *Head Neck*. 2020 Jul 4. doi: 10.1002/hed.26351. Epub ahead of print. PMID: 32621344.

Tae K. Transoral robotic thyroidectomy using the da Vinci single-port surgical system. *Gland Surg.* 2020;9(3):614-616. doi:10.21037/gs.2020.03.37

Ji YB, Jeong JH, Wu CW, Chiang FY, Tae K. Neural Monitoring of the External Branch of the Superior Laryngeal Nerve During Transoral Thyroidectomy. *Laryngoscope.* 2020 Jul 17. doi: 10.1002/lary.28883. Epub ahead of print. PMID: 32820531.

Richmon JD. Lateral Vestibular Approach to the Central Neck for Thyroid and Parathyroid Surgery: A Cadaveric Study. *J Laparoendosc Adv Surg Tech A.* 2020 Oct 9. doi: 10.1089/lap.2020.0747. Epub ahead of print. PMID: 33035123.

Kim HY, Park D, Bertelli AAT. The pros and cons of additional axillary arm for transoral robotic thyroidectomy. *World J Otorhinolaryngol Head Neck Surg.* 2020 Jun 30;6(3):161-164. doi: 10.1016/j.wjorl.2020.01.010. PMID: 33073210; PMCID: PMC7548390.

Chen YH, Kim HY, Anuwong A, Huang TS, Duh QY. Transoral robotic thyroidectomy versus transoral endoscopic thyroidectomy: a propensity-score-matched analysis of surgical outcomes. *Surg Endosc.* 2020 Oct 27. doi: 10.1007/s00464-020-08114-1. Epub ahead of print. PMID: 33111192.

Lee DW, Bang HS, Jeong JH, Kwak SG, Choi YY, Tae K. Cosmetic outcomes after transoral robotic thyroidectomy: Comparison with transaxillary, postauricular, and conventional approaches. *Oral Oncol.* 2021 Jan 15;114:105139. doi: 10.1016/j.oraloncology.2020.105139. Epub ahead of print. PMID: 33460884

Song CM, Bang HS, Kim HG, Park HJ, Tae K. Health-related quality of life after transoral robotic thyroidectomy in papillary thyroid carcinoma. *Surgery.* 2021 Mar 24:S0039-6060(21)00166-5. doi: 10.1016/j.surg.2021.02.042. Epub ahead of print. PMID: 33773821

Park JO, Lee DH, Kim MR, Kim SY, Han JH, Sun DI. Transoral endoscopic thyroidectomy using a self-retaining retractor as an alternative to carbon dioxide gas insufflation: A comparative analysis of 131 cases. *Oral Oncol.* 2021 Jul 31;121:105463. doi: 10.1016/j.oraloncology.2021.105463. Epub ahead of print. PMID: 34343782

Lira RB, De Cicco R, Rangel LG, Bertelli AA, Duque Silva G, de Medeiros Vanderlei JP, Kowalski LP. Transoral endoscopic thyroidectomy vestibular approach: Experience from a multicenter national group with 412 patients. *Head Neck.* 2021 Aug 12. doi: 10.1002/hed.26846. Epub ahead of print. PMID: 34382715

Duek I, Duek OS, Fliss DM. Minimally Invasive Approaches for Thyroid Surgery-Pitfalls and Promises. *Curr Oncol Rep.* 2020 Jun 29;22(8):77. doi: 10.1007/s11912-020-00939-2. PMID: 32601931

Van Le Q, Ngo DQ, Nguyen HX, Ngo QX, Van Pham B. Transoral robotic thyroidectomy: First case as a new technique in Vietnam. *Oral Oncol.* 2021 Sep 24;122:105542. doi: 10.1016/j.oraloncology.2021.105542. Epub ahead of print. PMID: 34571461

Li XL, He QQ, Li CY, Wang M, Zhuang DY, Zhou P, Yue T, Zhu J, Xu J, Shao CX. [Preliminary application of transoral robotic thyroidectomy: experience from an initial 30 cases]. *Zhonghua Wai Ke Za Zhi.* 2021 Dec 1;59(12):1002-1006. Chinese. doi: 10.3760/cma.j.cn112139-20210104-00005. Epub ahead of print. PMID: 34839614